

## CORRECTION

 View Article Online  
 View Journal | View Issue
Cite this: *Chem. Sci.*, 2019, 10, 5851

DOI: 10.1039/c9sc90095k

www.rsc.org/chemicalscience

# Heterodinuclear zinc and magnesium catalysts for epoxide/CO<sub>2</sub> ring opening copolymerizations†

Gemma Trott,<sup>a</sup> Jennifer A. Garden<sup>b</sup> and Charlotte K. Williams<sup>\*a</sup>Correction for 'Heterodinuclear zinc and magnesium catalysts for epoxide/CO<sub>2</sub> ring opening copolymerizations' by Gemma Trott *et al.*, *Chem. Sci.*, 2019, DOI: 10.1039/c9sc00385a.

In the original manuscript, an error was made in Table 2 for entries 1–3. Incorrect TON and TOF values were reported for compounds **2b**, **2c** and **2e** at a pressure of 1 bar. Also the PCHC selectivity values for **2b** and **2c** at 1 bar were incorrect. The correct

Table 2 Copolymerization reaction conditions<sup>a</sup>

Cat.	Catalyst (mol%)	Temp. (°C)	Pressure (bar)	PCHC <sup>b</sup> (%)	TON <sup>b</sup>	TOF <sup>b</sup> (h <sup>-1</sup> )	M <sub>n</sub> [D] <sup>b</sup>
<b>2b</b>	0.1	120	1	>96	377	435	12 280 [1.04] 5340 [1.13]
<b>2c</b>	0.1	120	1	>93	419	466	14 490 [1.06] 5930 [1.15]
<b>2e</b>	0.1	120	1	>99	430	645	21 760 [1.04] 9090 [1.15]
<b>2c</b>	0.01	120	20	>99	4415	8830	44 400 [1.04] 21 200 [1.05]
<b>2c</b>	0.005	120	20	>99	5435	1359	54 380 [1.04] 26 550 [1.04]

<sup>a</sup> Reactions were carried out in a Parr high pressure vessel with an impeller at 20 bar. <sup>b</sup> See Table 1 and ESI for all data (Fig. S56–S60).

TON, TOF and PCHC values for these compounds are shown below:

To highlight this update, the sentence in the original manuscript "For the Zn(II)/Mg(II) complexes, the best activity value reaches 654 h<sup>-1</sup> which is at the upper end of values for the low pressure regime.<sup>10,14,15</sup>" on page 7 should now read "For the Zn(II)/Mg(II) complexes, the best activity value reaches 645 h<sup>-1</sup> which is at the upper end of values for the low pressure regime.<sup>10,14,15</sup>"

Finally, a corrected version of Fig. 4 is also provided here to highlight the correct TOF value for complex **2e**.

<sup>a</sup>Chemistry Research Laboratory, University of Oxford, Mansfield Road, Oxford, OX1 3TA, UK. E-mail: charlotte.williams@chem.ox.ac.uk

<sup>b</sup>School of Chemistry, University of Edinburgh, EH9 3FJ, UK

† Electronic supplementary information (ESI) available. See DOI: 10.1039/C9SC00385A



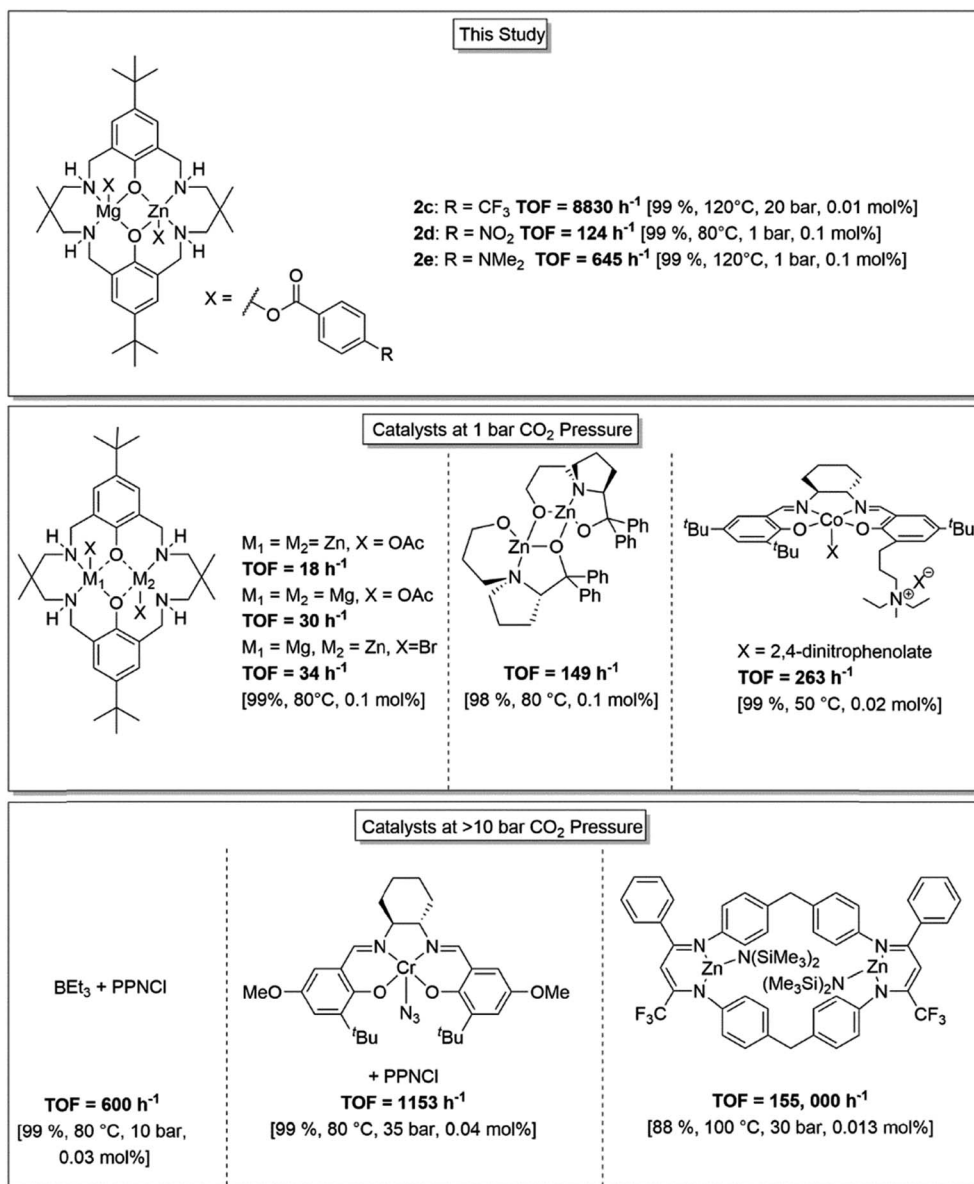


Fig. 4 Illustration of the structures, activity and selectivity for some of the highest performing catalysts reported for CO<sub>2</sub>/CHO ROCOP.<sup>22,25,33,34,59,61</sup>

The original ESI was replaced by a correspondingly revised version on 16th May 2019 to reflect these changes.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

